AUTODOC CLUB

How to change front brake pads on **RENAULT Zoe (BFM_)** – replacement guide

SIMILAR VIDEO TUTORIAL



This video shows the replacement procedure of a similar car part on another vehicle

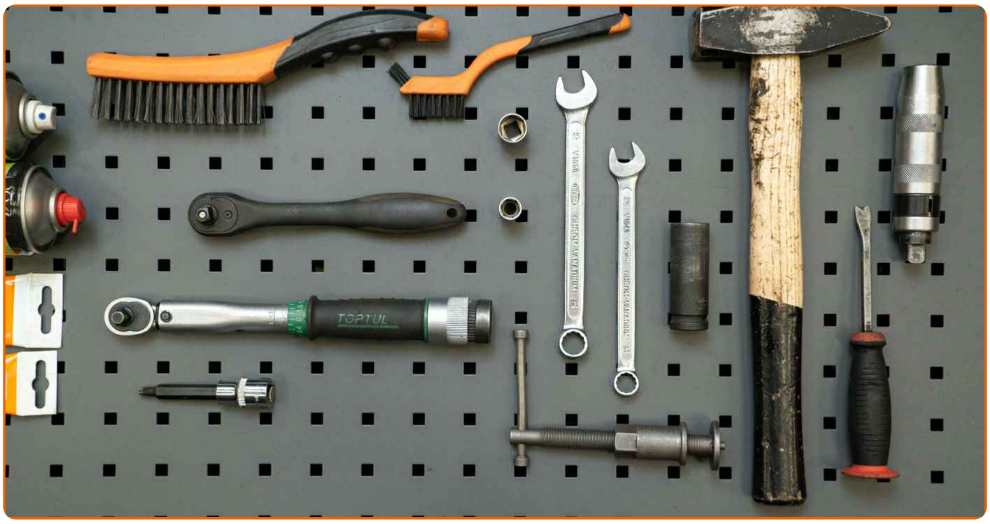
Important!

This replacement procedure can be used for:
RENAULT Zoe (BFM_) ZOE

The steps may slightly vary depending on the car design.

This tutorial was created based on the replacement procedure for a similar car part on: NISSAN MICRA III (K12) 1.4 16V

REPLACEMENT: BRAKE PADS – RENAULT ZOE (BFM_). LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- Nylon cleaning brush
- WD-40 spray
- Brake cleaner
- Anti-squeal paste
- Ceramic grease
- Torque wrench
- Combination spanner #13
- Combination spanner #15
- Drive socket # 13
- Drive socket # 17
- Torx bit T40
- Wheel impact socket #17
- Ratchet wrench
- Tap wrench
- Brake caliper wind back tool
- Phillips screwdriver
- Crow bar
- Impact screwdriver
- Hammer
- Wheel chock

Buy tools

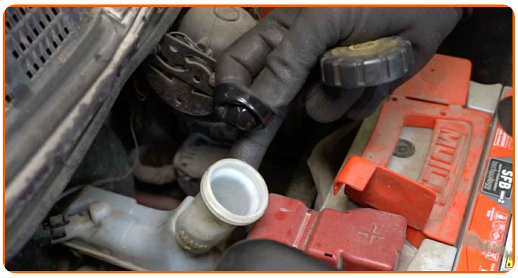
Replacement: brake pads – RENAULT Zoe (BFM_). Professionals recommend:

- Perform the replacement of brake pads in complete set for each axis. This provides effective braking.
- The replacement procedure is identical for all brake pads on the same axle.
- All work should be done with the engine stopped.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1 Open the bonnet.

2 Unscrew the brake fluid reservoir cap.



3 Secure the wheels with chocks.

4 Loosen the wheel bolts. Use wheel impact socket #17. Use a tap wrench.



5 Raise the car.

AUTODOC recommends:

- If you are using a jack, make sure it rests on a flat surface without any unevenness.
- Be sure to additionally secure the car with jack stands.

6 Unscrew the wheel bolts.



AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts. RENAULT Zoe (BFM_)

7 Remove the wheel.



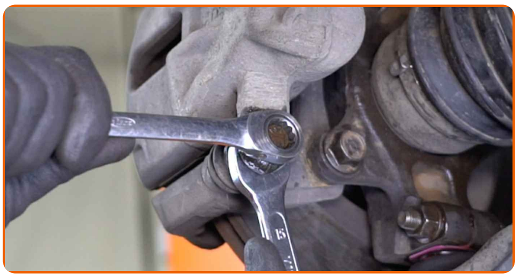
8 Spread the brake pads. Use a crowbar.



9 Clean the brake caliper fasteners. Use a wire brush. Use WD-40 spray.



10 Unscrew the brake caliper fasteners. Use a combination spanner #13. Use a combination spanner #15.



11 Remove the fastening bolts.

12 Remove the brake caliper.



AUTODOC recommends:

- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.

13 Remove the brake pads.



AUTODOC recommends:

- Measure the brake disc thickness. Upon reaching the wear limit the part must be replaced.

14 Treat the brake caliper piston. Use a nylon cleaning brush. Use a brake cleaner.



15

Press in the brake caliper piston. Use brake caliper wind back tool.



16

Clean the brake caliper bracket of dirt and dust. Use a wire brush. Use a brake cleaner.

Replacement: brake pads – RENAULT Zoe (BFM_). Tip:

- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

17

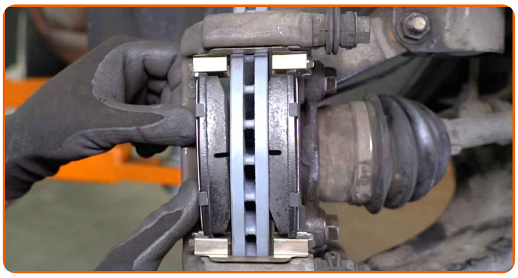
Treat the brake pads in the area where their surface comes into contact with the brake caliper bracket. Use anti-squeal paste.



Replacement: brake pads – RENAULT Zoe (BFM_). Tip from AUTODOC experts:

- Make sure the disc surface is clean before installing the pads.

18 Install new brake pads.



19 Install the brake caliper and fasten it.



20 Install the fastening bolts.



21 Tighten the brake caliper fasteners. Use a combination spanner #15. Use a drive socket #13. Use a torque wrench. Tighten it to 35 Nm torque.



22 Treat the surface where the brake disc contacts the wheel rim. Use ceramic grease.



23 Clean the brake disk surface. Use a brake cleaner.

24 Install the wheel.



AUTODOC recommends:

- Important! Hold the wheel while screwing in the fastening bolts. RENAULT Zoe (BFM_)

25 Screw in the wheel bolts. Use wheel impact socket #17. Use a ratchet wrench.



26 Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 110 Nm torque.



27

Remove the jacks and chocks.



Replacement: brake pads – RENAULT Zoe (BFM_). AUTODOC experts recommend:

- Without starting the engine, press the brake pedal several times until you feel significant resistance.
- Check the brake fluid level in the expansion tank and top up if necessary.

28

Tighten the brake fluid reservoir cap.



29

Close the bonnet.

AUTODOC recommends:

- Slow down smoothly for first 150-200 km after the brake pads replacement. Avoid unneccessary and sharp braking to a stop.

WELL DONE!

VIEW MORE TUTORIALS

AUTODOC — TOP QUALITY AND AFFORDABLE CAR PARTS ONLINE

DISCLAIMER:

The document contains only general recommendations that may be useful for you when you perform repair or replacement work. AUTODOC shall not be liable for any loss, injury, damage of property occurring in the repair or replacement process due to incorrect use or misinterpretation of the provided information.

AUTODOC shall not be liable for any possible mistakes and uncertainties in this guide. The information provided is for information purposes only and cannot replace advice from specialists.

AUTODOC shall not be liable for incorrect or hazardous usage of equipment, tools and car parts. AUTODOC strongly recommends to be careful and observe the safety rules when performing repair or replacement works. Remember: usage of low quality auto parts does not guarantee you the appropriate level of road safety.